# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



(22.

Number 34

Season 1921-1922

**Price List** 

of

Tree and Shrub

Seeds



Where

Quality

Counts

# OTTO KATZENSTEIN & CO.

### TREE SEEDSMEN

Established 1897

### ATLANTA, GEORGIA, U. S. A.

Registered Cable Address:

Treeseeds, Atlanta, Ga.

ABC Codes: 4th and 5th ed. and **Private Code** 

THE FOLLOWING CONDITIONS GOVERN ALL TRANSACTIONS:

THE PUBLICATION OF THIS LIST CANCELS ALL PREVIOUS QUOTATIONS.
TERMS: Cash. Thirty days net or 2% discount for cash within ten days from date of invoice to domestic book customers. We expect remittance with order or other proportions tipe of the content of the c with order or other arrangements, satisfactory to us, from our foreign customers. Prices are quoted and remittances are expected in U. S. money.

ALL SHIPMENTS travel at customer's risk. After having taken receipt of transportation com-

panies we are not responsible for delays, losses or injury to shipment while in transit. Customer's

PARCEL POSTAGE. Domestic rates are governed by zone tariff. Parcel postage into foreign countries is 12c per pound or fraction of pound. In addition to this a number of countries require payment of a surtax. Remittances should cover

sufficient amounts for postage.

NON-WARRANTY. We use the greatest care to have all our seeds, bulbs, plants, etc., pure and reliable but they are sold without warranty and without any responsibility, express or implied, in respect to the crop. All sales are made under these terms. We are under no circumstances to be held responsible beyond the invoiced value of our goods and we cannot, under any circumstance, consider any claim after the goods have been planted, unless they prove not true to name. All claims must be made on receipt of goods.

This list is published before the actual extent

of some crops of tree and shrub seeds, offered in it, is known and our acceptance of orders is not a warranty for delivery but it is subject to crop accidents and limitations of crops. Failing to receive the full amounts ordered from our collectors and growers we reserve the right to reduce proportionately all orders which have been booked.

# Conifers

Half ounce and quarter pound at ounce and pound rates, respectively. No seeds invoiced for less than 15 cents. Quotations on large quantities given by letter.

ABIES. FIR.	Oz.	Lb.
holcoman Rolcom Fin	2 40	\$ 3.50
balsamea, Balsam Fir	9 .40	3.20
concolor, write rir	.55	3.20
concolor violacea	.45	4.20 4.50
iraseri, Sne-Balsam	.50	
fraseri, She-Balsam grandis, Oregon Silver Fir magnifica, Red Fir pectinata, European Silver Fir	.50	4.80
magnifica, Red Fir	.45	4.20
pectinata, European Silver Fir	.20	1.80
CEDRUS.		
	.40	3.50
atlantica, Mount Atlas Cedar	.40	
deodara, Deodar Cedar libani, Lebanon Cedar	.40	3.50
libani, Lebanon Cedar	.40	3.50
CHAMAECYPARIS. Cypress.		
lawsoniana	.65	5.50
CRYPTOMERIA. Japanese Cedar.		,
	.25	2,40
japonica	.23	2.40
CUNNINGHAMIA.		
chinensis (lanceolata)	.30	2.60
CUPRESSUS Cypress		
CUPRESSUS. Cypress. arizonica, Western Cypress	.45	4.20
funching Canading Campage	90	2.80
funebris, Spreading Cypress	.00	
macrocarpa, Monterey Cypress	.30	2.80
GINGKO. Maidenhair tree.		
biloba, (Salisburia adiantifolia)	.15	1.00
JUNIPERUS. Juniper, Cedar.		
californica, California Juniper	.35	3.20
chinancia Chinaga Iuninan	.00	2.80
chinensis, chinese Jumper	.30	
chinensis, Chinese Juniper	.15	1.40
communis prostrata, Prostrate Juniper	.20	1.65
scopulorum, Silver Cedar	.20	1.60
virginiana, Red Cedar	.15	1.00
LARIX. Larch.		
europaea, European Larch	35	3.20
laricina (americana) Tamarac	1 20	10.00
lantolonic Siborian Laroh	65	6.00
accidentalia Western Lorch	1.00	8.00
TIDOCEDDIIC I C-1	1.00	0.00
LIBOGEDRUS. Incense Gedar.	45	4.00
decurrens	.45	4.20
PICEA. Spruce.		
alba, White Spruce	.70	6.00
alba, White Spruce	.65	6.00
excelsa Norway Spruce	.30	2.65
nungens Blue Spruce	60	5.50
nungane glauce Coloredo Rius Spruce	70	6.50
sitchensis (menziesi) Tideland Spruce	1.00	8.00
Sitchensis (menziesi) Tideland Spruce	1.00	0.00
PINUS. Pine.	~~	
armandi, Armand's Chinese Pine	.25	2.40
austriaca, see P. laricio austriaca.		
banksiana, (divaricata) Jack Pine	.80	7.00
austriaca, see P. laricio austriaca. banksiana, (divaricata) Jack Pine. bungeana, Lace Bark Pine. caribaea, (cubensis) Slash Pine. cembra, Swiss Stone Pine.	.50	4.50
caribaea, (cubensis) Slash Pine	.50	4.50
cembra. Swiss Stone Pine	.25	2.00
contorta Shore Pine	.70	6.00
contorta, Shore Pineechinata (mitis) Shortleaf Pine	.50	4.50
edulis, Nut Pine (Pinyon)	.20	1.50
eduns, Nut Fille (Fillyon)	.20	1.00

	Oz.	Lb.
flexilis, Limber Pine	50	4.50
insignis, Monterey Pine	.50	4.50
jeffreyi, Jeffrey Bull Pine	25	2.40
koraiensis, Korea Pine	.30	2.60
lambertiana, Sugar Pine	25	2.25
lambertiana, Sugar Pinelaricio, Corsican Pine laricio austriaca, Austrian Pine	35	3.20
laricio austriaca, Austrian Pine	45	4.00
maritima, see P. pinaster. massoniana, Chinese Pine	95	0.05
mitis, see P. echinata.	.25	2.25
montone mughus Musho Dine	.35	3.20
montana mughus, Mugho Pinemonticola, Silver Pine	.85	7.50
muricata, Obispo Pine		8.00
murrayana, Lodgepole Pine	1.00	8.00
palustris, Longleaf Yellow Pine	.25	2.00
pinaster, (maritima) Cluster Pine	.20	1.80
nonderosa, Bull Pine	.25	2.40
cobiniona Gray loof Dina	20	1.50
strobus, White Pinesylvestris, Scotch Pinetaeda, Oldfield, Loblolly Pinethunbergii, Japanese Black Pine	.40	3.80
sylvestris, Scotch Pine	.40	3.50
taeda, Oldfield, Loblolly Pine	.45	4.20 2.25
tuberculata, Knobcone Pine	.25	8.00
PSEUDOLARIX. Golden Larch.	1.00	0.00
kaempferi	.40	3.50
PSEUDOTSUGA. Douglas Spruce.	.10	0.00
douglasi (tavifolia) grav. Colorada	.65	6.00
douglasi (taxifolia) gray, Colorado	.80	7.00
douglasi, green, Fraser Riverdouglasi, green, Oregon-Washington	.60	5.50
SEOUOIA.		0.00
	1.20	9.50
gigantea, Big Treesempervirens, Redwood	.50	4.50
TAXODIUM. Bald Cypress.	.00	1.00
distichum	.15	.90
TAXUS. Yew.	.10	.00
	.30	2.60
baccata, European Yewcuspidata, Japanese Yew	.55	5.00
THUYA. Arborvitae.	.00	0.00
gigantae gas The plicate		
gigantea, see Th. plicata. occidentalis, American Arborvitaeorientalis, Chinese Arborvitae	.45	4.00
orientalis, Chinese Arborvitae	.20	1.75
	.30	2.80
orientalis compacta, Compact Chinese Av orientalis pyramidalis, Pyramidal Ch. Av plicata, Giant Arborvitae	.30	2.80
orientalis pyramidalis, Pyramidal Ch. Av	.20	1.75
plicata, Giant Arborvitae	.80	7.00
TORREYA. Nutmeg.		
californica, Californian Nutmegnucifera, Japanese Nutmeg	.25	2.00
	.30	2.60
TSUGA. Hemlock Spruce.		
canadensis, Hemlock	.80	7.00
caroliniana, Carolina Hemlock	1.20	9.50

OUR PAMPHLET "HOW TO MAKE TREE SEEDS GROW" ON REQUEST WITH EVERY ORDER.

## Trees and Shrubs

Half ounce, quarter pound, 25 lbs. at ounce, pound and hundred pound rates, respectively. No seeds invoiced for less than 15 cents. Prices far large quantities will be quoted by letter upon request.

We are using the following abbreviations:

e means evergreen, d means deciduous.

t "tree s "shrub.

tree shrub. 66 vine or climber.

db " seed in natural hull. c " clean seed.		
c " clean seed.		
Example: et stands for evergreen tree.		
ACER. Maple.	Oz.	Lb.
dt burgerianum, Chinese Maple	.25	\$2.10
dt dasycarpum, Silver Maple (May 1922) dt campestre, English Cork Maple	****	
dt campestre, English Cork Maple	.15	1.10
dt macrophyllum, Oregon Maple	.15	1.00
dt negundo, Boxelder	.15	1.10
dt negundo, Boxelder	.15	1.00
dt polymorphum, Japanese Maple	90	4.50
dt polymorphum, Japanese Mapledt pseudoplatanus, Sycamore Mapledt rubrum, Scarlet Maple (May 1922)	.15	.90
dt soocherum Sugar Monle	.20	1.65
dt saccharum, Sugar Maple	.20	1 75
dt totorioum ginnole Siberion Monla	.35	3.00
dt trifidum Chinasa Manla	.25	2.10
AESCULUS. Buckeye.	.20	
dt glabra, Ohio Buckeye.  dt hippocastanum, Horse Chestnut dt octandra (Pavia flava) Yellow Buckeye dt rubicunda, Redflowering Horse Chestnut	.15	.60
dt hippocastanum. Horse Chestnut	.15	.90
dt octandra (Pavia flava) Yellow Buckeye	.15	.75
dt rubicunda, Redflowering Horse Chestnut	.15	1.00
AILANTHUS. Tree of fleavell.		
dt glandulosa	.15	1.30
dt glandulosa		
dt cordata	.30	2.65
dt fordiiALTHAEA, see Hibiscus.	.20	1.60
ALTHAEA, see Hibiscus.		
ALTHAEA, see Hibiscus. AMELANCHIER. Shadbush. ds canadensis, Juneberrydb		
ds canadensis, Juneberrydb	.35	3.00
AMPELUPSIS.		0.00
dv quinquefolia, Virginia Creeperdb	.25	2.00
quinquefolia	.40	3.50
dv veitchi, Boston ivydb	.50	2.60
Oxydendron.		
ARBUTUS. Madrona Tree.		
ARBUTUS. Madrona Tree. dt menziesi, Madrona Tree ARISTOLOCHIA. Dutchman's Pipe.	.35	3.20
ARISTOI OCHIA Dutchman's Pine	.00	0.20
	.60	5.00
ARONIA, see also Sorbus. ds arbutifolia, Chokeberrydb AUCUBA. Gold Dust tree.		0.00
ds arbutifolia. Chokeberrydb	.15	1.00
AUCUBA, Gold Dust tree.		
es japonica	.40	3.50
AZALEA, see also Rhododendron.		
ds lutea (calendulacea) Flame Azalea dh	.40	3.80
es japonica, Japanese Azaleac	3.50	26.00
es japonica, Japanese Azaleac ds vaseyi, Carolina Azaleadb	.45	4.00
ds viscosa, Small White Azaleadb BERBERIS. Barberry, Mahonia. es aquifolium, Mahonia, Oregon Grapec ds thunbergii, Thunberg's Barberrydb	.40	3.80
BERBERIS. Barberry, Mahonia.	4.00	4.00
es aquifolium, Mahonia, Oregon Grapec	.45	4.00
ds thunbergii, Thunberg's Barberrydb	.25	2.10
ds vulgaris. Common Barberry	.40	1.60 2.60
ds vulgaris atropurpureadb	.50	2.00

OTTO KATZENSTEIN & CO., ATLANTA,		S. A.
BETULA. Birch.	Oz.	Lb.
dt alba European White Riveh	.15	1.00
dt fontinalis, Colorado Birch	.75	6.50
dt lenta, Black Birch	.20	1.75
dt fontinalis, Colorado Birch dt lenta, Black Birch dt lutea, Yellow Birch dt occidentalis, Colorado Birch	.20	1.75
dt occidentalis, Colorado Birch	.75 .25 .20	6.50
dt papyrifera, Canoe Birch dt populifolia, White Birch dt rubra (nigra) River Birch (June, 1922) CALYCANTHUS. Sweet Shrub. ds laevigatus, Eastern Sweet Shrub. ds occidentalis, Western Sweet Shrub.	.25	2.00
dt populifolia, White Birch	.20	1.50
dt rubra (nigra) River Birch (June, 1922)		
CALYCANTHUS, Sweet Shrub.		
ds laevigatus, Eastern Sweet Shrub	.15	1.10
ds occidentalis, Western Sweet Shrub	.30	2.80
CAMELLIA.		
es chinensis, Chinese Camelliaes japonica, Japanese Camellia	.45	4.20
es japonica, Japanese Camellia	.40	
CAMPHORA, see Cinnamomum.		-
CABAGANA, Siberian Pea.		
CAMPHORA, see Cinnamomum. CARAGANA. Siberian Pea. es arborescens	.25	2.00
CARYA, see Hicoria.	0	00
CASTANEA. Sweet Chestnut.		
dt dentata, American Chestnut (Fall only)	15	.85
dt japonica, Japanese Chestnut	.15	1.00
CATALPA.	.10	1.00
dt speciosa, Western Catalpa	.25	2.25
CEANOTHUS. Jersey Tea.	.40	4.20
de americanus dh	.15	1 20
ds americanus	.10	1.20
ds thyrsiflorus, Blue Myrtle	.30	2.60
		0.50
dt chinensis	.75	6.50
CELASTRUS. Bittersweet. dv scandens	0=	0.00
dv scandens	.25	2.00
CELTIS. Nettletree.	00	4
dt chinensis, Chinese Nettletree	.20	1.75
di occidentalis, Hackberry	.15	1.20
CERCIS. Redbud, Judas Tree.	40	
dt canadensis, Redbuddt occidentalis, Western Judas Tree	.40	3.50
dt occidentalis, Western Judas Tree	.40	3.50
CHIONANTHUS, white Fringe.		
ds virginiana	.40	3.50
GINNAMOMUM. Campnor Tree.		
et camphoradb	.15	1.40
CITRUS, Hardy Lemon.		
es trifoliata. Our seed is inspectedc	.25	2.00
CLEMATIS.		
dv paniculata, Japanese Clematis	.40	3.80
CLETHRA, Pepperbush,		
ds alnifolia. Sweet Pepperbush	.15	1.00
COLUTEA, Bladder Senna.		
ds arborescens	.20	1.75
CORNUS. Dogwood.		
ds alternifolia, Blue Dogwood	.20	1.65
candidissima, see paniculata.		
de amamum (comicae) Siller Connol	.15	1.40
dt florida White Flowering Dogwood	15	.50
ds mas, Cornelian Cherry	.15	1.40
ds mas, Cornelian Cherry	.20	1.50
ds paniculata, Panicled Dogwood	.20	1.90
ds paniculata, Panicled Dogwood ds sanguinea, European Osier	.15	1.20
ds stolonifera, Red Osier	.20	1.60
CORYLUS. Hazelnut.	-	
ds americana	.15	.80
CRATAEGUS, Thorn,	1 10	.00
dt coccinea, Scarlet Thorn dh	.15	1.00
dt coccinea, Scarlet Thorndb dt cordata, Washington Thorndb	.15	1.10
ds crus galli, Cockspur Thorndb	.15	.90
ds oxyacantha, May Thorndb	.15	1.00
,,		

011011111111111111111111111111111111111	G.2.,	0. 0. 11.
CYTISUS, see also Laburnum. CYDONIA. Quince.	Oz.	Lb.
ds scoparius, Scotch Broom	75	$6.50 \\ 1.30$
dt hupeang	30	2.80
DIOSPYROS. Persimmon. dt lotus, Chinese Persimmon	25	2.40
dt virginiana, American Persimmon ELAEAGNUS. Bussian Olive.	15	90
ds angustitolia	20	1.65
ds longipes	45	4.20
et hotrvoides. Bangalay	. 1.20	10.50 8.00
et botryoides, Bangalayet corynocalyx, Sugar Gumet globulus, Blue Gum	90	8.00
et globulus, Blue Gum	.80	7.00
et resinifera, Red Mahoganyet robusta, Swamp Mahogany	60	8.50 5.50
et rostrata, Red Gum	.60	5.50
et rostrata, Red Gumet tereticornis, Flooded Gum	65	6.00
et viminalis, Manna Gum	80	7.00
es alatus, Japanese Burning Bush	50	4.50
ds atronurous American Burning Bush	.25	2.40 2.40
ds atropurpureus, American Burning Bush ds europaeus, European Burning Bush EXOCHORDA. Pearlbush.		1.75
ds alberti, Siberian Pearlbush	.40	3.60
ds grandiflora, PearlbushFAGUS. Beech.	.35	3.40
dt americana (ferruginea) American Beech dt sylvatica, European Beech	.15	1.40 1.50
FRAXINUS. Ash.	4.5	1.00
FRAXINUS. Ash. dt americana, White Ash dt excelsior, European Ash	.15	1.30 1.00
or fanceofata (viriois) Green Ash	.1()	1.40
dt ornus, Flowering Ash dt oregana, Oregon Ash	.15	1.20
FREMONTIA, Slippery Elm.		2.80
ds californica		12.00
dt chinensis, Chinese Honey Locustdt triacanthos, Sweet Honey Locust	15	2.00 1.00
GYMNOCLADUS. Kentucky Coffee Tree.		1.00
dt dioica, (canadensis)	.15	1.00
da andantaum	.50	4.80
ds moscheutos	.20	1.60
ds syriacus, Rose of Sharon	.15	1.40
ds argentelin  HIBISCUS. Althea. ds moscheutos ds syriacus, Rose of Sharon HICORIA. Hickory (Carya). One bushel contains 50 pounds dt alba, (C. tomentosa) Mockernut. dt glabra (C. porcina) Pignut. dt laciniosa (C. sulcata) Shellbark. dt minima (C. amara) Bitternut.	Lb. 1	00 Lbs.
dt alba, (C. tomentosa) Mockernut	30	\$11.50
dt glabra (C. porcina) Pignutdt leginiese (C. sulcata) Shellbark	.30 40	11.50 15.00
dt minima (C. amara) Bitternut	.30	11.50
at ovata (C. alba) Shellbark	.50	19.00
dt pecan (C. olivaeformis) Pecan HIPPOPHAE. Sea Buckthorn.	.75 Oz.	60.00 Lb.
ds rhamnoides	.35	3.00
HOVENIA. Raisin Tree.	.30	2.60
ds arborescensdb	.45	4.20
ds quercifoliadb	.75	6.50

0110 1111111111111111111111111111111111		
ILEX. Holly.	0.7	T b
or acceine Deboon Helly dh	Oz.	Lb. 2.60
es cassine, Dahoon Holly	.50	5.50
os globro Inkharry	15	1.00
ot opens American Holly dh	15	.85
og podupoulogo Chinago Holly dh	.10	1.80
es peddiculosa, Chinese Hollydb	15	.90
es verticinata, Deciduous Honydb	.10	2.60
es voinitoria, rawpondb	.50	2.00
JUGLANS, WAIDHE,		-1
dt cinerea, Butternut. (Quantity pricesdt nigra, Black Walnut. by letter)		.20 .20
dt nigra, Black Walnut. by letter)		.20
dt regia (China) English Walnut		1.20
KALMIA. Mountain Ivy.		
es latifoliadb	.25	2.20
	.40	2.20
KOELREUTERIA. Varnish Tree.		
dt paniculata	.20	1.60
LABURNUM (Cytisus). Golden Chain		
ds vulgare	.20	1.75
	.20	1.70
LAUROCERASUS (Prunus).		
et caroliniana, Wild Olivedb	.15	1.00
LEUCOTHOE. See also Pieris.		
es catesbaei. Dog Laureldb	.25	2.10
LIGUSTRUM. Privet. es amurense, Amoor River Privet. db es chinense, Chinese Privet		
es amurense Amoor River Privet dh	.15	.90
es chinense Chinese Privet dh	.15	1.00
ds ibota Ibota Privet dh	.15	1.00
et ianonicum Jananese Privet dh	.20	1.50
es lucidum, Glossy-leaved Privetdb	.15	1.40
ds regelianum Regel's Privet dh	.15	1.30
ds regelianum, Regel's Privetdb ds vulgare, European Privetdb	.15	1.20
LICITIDANDAD Consideran	.10	1.20
LIQUIDAMBAR. Sweetgum. dt formosana, Chinese Sweetgumc	.60	5.25
dt styraciflua, American Sweetgumc	.50	4.50
ut styraciffua, American Sweetgum	.50	4.50
LIRIODENDRON. Tulip Poplar.		4 00
dt tulipifera	.15	1.00
LONICERA. Bush Honeysuckle.		
ds caprifolium, Italian Honeysucklec	.45	4.00
ds tatarica, Tartarian Honeysucklec	.45	4.00
ds caprifolium, Italian Honeysucklecds tatarica, Tartarian Honeysucklecds xylosteum, Fly Honeysucklec	.45	4.00
MACHILUS.		
dt naumu, Fine introduction from China	.45	4.20
MACLURA, Osage Orange.		
MACLURA. Osage Orange. dt pomifera (aurantiaca)c	.20	1.65
MAGNOLIA.	•==0	*****
dt acuminata, Cucumber Tree db et glauca, Sweet Bay db et grandiflora, Bull Bay db	.40	3.50
at glauca Sweet Roy	25	2.40
at grandiflara Rull Ray dh	.25	1.65
MATIONIA Con Doubouin	.20	1.00
MAHONIA. See Berberis.		
MELIA.	45	70
dt azederach, Chinaberry Treedb	.15	.70
dt a. umbraculifera, Texas Umbrella Tree	.15	.85
MORUS. Mulberry.	~~	
dt alba tatarica, Russian Mulberrycdt nigra, Black Mulberryc	.35	3.00
dt nigra, Black Mulberryc	.35	3.00
MYRICA. Waxmyrtle.		
ds cerifera, Candleberrydb	.15	1.20
NANDINA.		
ds domestica, Japanese Nandina	.65	5.50
, , , , , , , , , , , , , , , , , , , ,		0.00

6

NEGUNDO. See Acer Negundo.		
NVSSA Tupelo	Oz.	Lb.
dt aquatica, Sour Gum	.15	1.40
dt sylvatica (multiflora) Black Gumdb	.15	1.40
OXYDENDRON. Sourwood.		1000
ds arboreumdb	.15	1.20
arboreum	.35	3.00
PAULOWNIA. Priness Tree.		
dt imperialis (tomentosa)		3.00
PHILADELPHUS. Mock Orange. ds coronarius, Common Mock Orange	0.5	0.00
ds coronarius, Common Mock Orange	.35	3.00
ds grandiflorus, Large-flowered M. O	.35	3.00
PIERIS (Andromeda). Fetterbush. es floribunda, Mountain Fetterbushdb		
es floribunda, Mountain Fetterbushdb	r	o crop
ds mariana, Staggerbushdb	.15	1.20
mariana	.30	2.80
es nitida, Fetterbushdb	.20	1.60
nitidac PISTACIA. Pistache Tree.	.45	4.20
PISTACIA, PISTACIO Tree.	95	0.00
dt chinensis, Chinese Pistachedb	.25	2.00
PLATANUS. Sycamore.		
dt occidentalis, American Sycamore	.15	.80
dt orientalis, Éuropean Sycamorec	.15	1.00
PRUNUS. Cherry, Plum.		
et caroliniana, Wild Olivedb	.15	1.00
dt mahaleb, Mahaleb Cherryc	.20	1.65
PRUNUS. Cherry, Plum. et caroliniana, Wild Olive db dt mahaleb, Mahaleb Cherry c dt padus, Bird Cherry c dt serotina, Wild Black Cherry db PTELEA. Hop Tree.	.20	1.65
dt serotina, Wild Black Cherrydb	.15	1.10
PIELEA. Hop Tree.	4 =	4 40
dt trifoliatac	.15	1.40
PIERUCARIA.	20	0.00
dt trifoliata	.30	2.60
dv thunbergianac	.30	2.80
dv thunbergianac	.50	4.00
PYRUS. Also Aronia, Sorbus. dt calleryana, Splendid pear stockc	.80	7.00
QUERCUS. Oak.	Lb. 1	00 Lbs.
QUERCUS. Oak.  One bushel contains 50 pounds.  dt alba, White Oak (November only)	LD. 1	oo rds.
dt alba White Oak (November only)	2 40	\$12.50
dt cateshaai Turkay Oak	50	20.00
dt coccinea Scarlet Oak	40	20.00 16.50
dt falcata (digitata) Spanish Oak	.50	20.00
dt lyrata. Övercup Oak	.50	20.00
dt macrocarpa, Mossy Oak	.50	24.00
dt micheauxi. Cow Oak	.40	15.00
dt nigra (aquatica), Water Oak	.50	20.00
dt obtusiloba (stellata), Post Oak	.40	16.50
dt palustris, Pin Oak	.50	24.00
dt phellos, Willow Oak	.50	24.00
dt rubra, Red Oak	.40	-12.50
dt velutina (tinctoria), Black Oak	.40	12.50
dt rubra, Red Oak	.85	30.00
DITAMNITIC Deseleth and	0-	Lb.
de californica California R.	.25	2.30
ds californica, California B:	.20	1.90
ds frangula, Alder Buckthorn	.25	2.10
ds frangula, Alder Buckthorndt purshiana, Cascara sagrada	.40	3.50
		0.00
RHODODENDRON. Mountain Laurel.	1	4.00
es carolinianum, Carolina M. Ldb	.45	4.00
es catawbiense, Rose Laureldb	.35	3.25
es carolinianum, Carolina M. Ldb es catawbiense, Rose Laureldb es maximum, Great Laureldb es metternichii, Chinese M. Ldb	.55	3.00
es metternichii, Chinese M. L	.45	4.00

	Oz.	Lb.
RHODOTYPOS. White Kerria.	25	2.40
		4.40
RHUS. Sumac. ds copallina, Shining Sumacdl	5 .15	1.00
dt cotinus, Purple Fringe	c .40	3.50
dt cotinus, Purple Fringe ds glabra, Smooth Sumac dl ds semialata, Chinese Sumac dl ds typhina, Staghorn Sumac dl	15	.90
ds semialata, Chinese Sumacdl	25	2.40
ds typhina, Staghorn Sumacdl	b .15	1.30
ROBINIA. Yellow Locust.	40	4.00
dt pseudacacia		1.00
ROSA. Rose. ds blanda, Meadow Rose	. 15	1 40
de canina Dogrosa	o .15 c .15	1.40
ds carolina, Swamp Rose dl	5 .15	1.30 1.30
ds humilis. Pasture Rose	20	1.50
ds multiflora, Japanese Climbing Rose	c .40	3.50
ds nitida, Glossy Rosedl	20	1.90
ds rubiginosa, Eglantinedl ds rubrifolia, Red-leaved Rose	20	1.90
ds rubrifolia, Red-leaved Rose	c .30 c .25	$\frac{2.60}{2.00}$
ds rugosa, Japanese Rosedi	25	2.00
ds rugosa, Japanese Rose	c .45	4.20
CAMDUCUS Elder	.10	7.20
SAMBUCUS. Elder. ds canadensis, American Elderdl ds racemosa, European Elder	.20	1.65
ds racemosa. European Elder	2 .30	2.80
SAPINDUS. Soapberry.		
dt saponaria, Chinese Soapberry	25	2.40
SAPIUM. Tallow Tree.		
dt sebiferum, Chinese Tallow Tree	15	1.40
SASSAFRAS.	10	1.10
	. 15	1.40
ds variifolium (officinale)dt	.15	1.40
SHEPHERDIA. Buffalo Berry.	.30	2.80
ds canadensisdk		4.00
SOPHORA. Pagoda Tree.	.20	1.90
dt japonica SORBUS. Mountain Ash. ds americana, American Mountain Ashdt ds arbutifolia, Chokeberry dt aucuparia, European Mountain Ashdt SPARTIUM. See Cytisus. STERCULIA. Chinese Parasol Tree.	.20	1.00
ds americana, American Mountain Ashdl	.20	1.75
ds arbutifolia, Chokeberrydh	.15	1.00
dt aucuparia, European Mountain Ashdh	.15	1.40
SPARTIUM. See Cytisus.		
STERCULIA. Chinese Parasol Tree.	25	2.00
dt diversifolia	20	2.00
ds racemosus, Snowberrydb	.20	1.75
ds villgaris Indian Current dr	20	1.60
SYRINGA. Lilac. ds vulgaris, Common Lilacdb		
ds vulgaris, Common Lilacdb	.15	1.40
ds vulgaris alba, White flowering Lilac db	.35	3.20
THE A Tag	.20	1.80
THEA. Tea. es chinensis, Chinese Tea	25	2.00
TILIA. Basswood.	0	2.00
dt americana, American Basswood	20	1.65
dt argentea, Silver Linden	20	1.80
dt grandifolia, Large-leaved European B	20	1.50
dt americana, American Basswood	20	1.50
dt americana American Elm	15	1.00
dt campestris, English Elm (1922)	.15	1.20
dt parvifolia, Chinese Elm (1922)	30	2.60
ds pumila, Chinese Hedge Elm	.30	2.60

OTTO MILLIONISTEM ( W GOI) MILLIONISTEM	0.121, 01	D. 11.
VIBURNUM. Haw.	Oz.	Lb.
VIBURNUM. Haw. ds acerifolium, Maple-leaved Hawdb	.20	1.65
ds alnifolium (lantanoides) Hobblebush db	.25	2.00
ds cassinoides, Witherod		1.65
ds dentatum, Arrow-wooddb		1.65
ds lantana, Wayfaring Treedb		
ds lentago, Sheepberry	.20	1.65
ds lentago, Sheepberry	.15	1.00
ds opulus, Highbush Cranberrydb	.25	2.00
ds prunifolium, Black Hawdb	.15	1.00
VITIS. Grape.	*	
dv coignetiae, Crimson Glory Vinec	.35	3.20
dv rotundifolia, Muscadine Grapec	.35	3.20
WISTARÍA. Wistaria.		
dv chinensis, Blue Wistariac	.35	3.20
dv chinensis alba, White Wistariac	.70	6.00
XANTHOXYLON. Chinese Pepper-		
hugh		
ds piperitumdb	30	2.80
	.00	2.00
YUCCA. Adams' Needle.	1.00	9.00
et baccata, Mexican Bananac	1.00	3.50
es filamentosa, Beargrass	60	5.50
es glauca (angustifolia) Western A. Nc	.00	5.50
es whipplei, Whipple's A. Nc	.00	5.50
ZELKOVA. Water Elm.		0.00
dt acuminata (Planera Japonica)	.30	2.80
ZIZYPHUS. Jujube Tree.		
	.30	2.80
OUR PAMPHLET "HOW TO MAKE TRE	E SEE	DS
GROW" ON REQUEST WITH EVERY	ORDER	

# Fruit Seeds

Prices for Apple, Cherry, Plum, Peach Natural seed, in any quantity in direct correspondence.

# Roots and Seeds of **Medicinal Plants**

Arrangements with very reliable growers permit us to offer the following list of high grade Medicinal Roots and Seeds at very attractive prices, which we could reduce materially in many instances from our last offer, and which are not subject to any discount. We solicit correspondence regarding prices for large quantities or for roots not here listed.

SE	EDS			
	100 Seeds	500 Seeds	1,000 Seeds	10,000 Seeds
Ginseng (Panax quinquefolium)	\$0.35	\$1.20	\$2.00	\$16.50
Goldenseal (Hydrastis canadensis)	35	1.50	2.50	20.00
Pink roots (Spigelia marylandica)	35		2.00 r Oz.	Don I h
Belladonna (Atropa bellado Stramonium (Datura stran			\$0.50	\$2.00
We pay postage on orde	rs for t	hese se	eds wh	en ac-

ROOTS GINSENG (Panax quinquefolium). Ginseng roots have commanded a profitable price for many years. Information regarding cultivation may be had by sending to United States Department of Agriculture, Washington, D. C., for Farmers' Bulletin 1184 (Ginseng Culture). No charge. 1,000 10 100 500 roots roots roots roots \$2.00 3.00 \$7.50 \$11.00 12.00 22.00 as to cultivation. 100 500 1,000 10 roots roots roots roots \$12.00 year old, small ..... ..... \$0.65 \$2.00 \$7.50 18.00 2.5010.00 2 year old, strong (woodsgrown) 1.20 3.00 12.00 21.00 SUNDRY MEDICINAL ROOTS 100 1,000 \$18.00 10 Aconitum napellus, Monkshood..... \$1.00 \$3.00 Aristolochia serpentaria, Snakeroot Asclepias tuberosa, Pleurisy root.... Chamaelirium luteum, Unicorn root Collinsonia canadensis, Horsebalm 3.00 18.00 1.00 3.00 18.00 1.00 18.00 1.00 3.00 1.00 3.00 18.00 Cypripedium parviflorum, Yellow
Lady's Slipper 1.50 4.00 22.50 Erythronium americanum, Yellow Adder's Tongue ..... 1.00 3.00 17.00 Eupatorium purpureum, Queen of 1.25 3.50 22.50 the Meadow ..... Gelsemium sempervirens, Yellow 18.00 Jessamine 1.00 3.00 Gentiana andrewsii, Bottle Gentian Hepatica triloba, Liverwort ...... 2.504.5032.00 1.003.00 18.00 Menispermum canadense, Moon-1.50 3.50 3.00 25.00 18.00 Phlox subulata, Mosspink ..... 1.00 Polygala senega, Senega Snakeroot Rumex crispus, Yellow Dock ........ Sanguinaria canadensis, Bloodroot... Saponaria officinalis, Bouncing Bet Silene virginica, Fire Pink ....... Smilacina stellata, False Solomon's 1.00 3.00 20.00 2.80 1.00 16.00 1.00 3.00 18.00 1.00 3.00 1.00 3.00 Seal ......Spigelia marylandica, Pinkroot ...... Stillingia sylvatica, Queen's 3.00 1.0018.003.00 1.00 16.00Delight 1.00 3.00Trillium grandiflorum, White Woods Lily Uvularia perfoliata, Strawbell 3.00 18.00 1.00 1.00 2.60 15.00 Viola cucullata, Hooded Blue Violet Viola pedata, Bird'sfoot Violet ...... 1.00 3.00 16.00 2.60 1.00 15.00Viola pubescens, Downy Yellow

OUR PAMPHLET "HOW TO MAKE TREE SEEDS GROW" ON REQUEST WITH EVERY ORDER.

Prices for ten roots include delivery of orders accom-

1.00

3.00

16.00

Violet

panied by cash.

# PRICE LIST OF TREE AND SHRUB

From OTTO KATZENSTEIN & CO.
TREE SEEDSMEN

Atlanta, Georgia, U.S.A.

. S. Department of Agriculture, Washington,

